

December 13, 2011

Mr. Jason Gunter  
Remedial Project Manager  
U.S. Environmental Protection Agency  
Region 7 - Superfund Branch  
901 North 5<sup>th</sup> Street  
Kansas City, KS 66101

**Re: The Doe Run Company – Federal Mine Tailings Site Monthly Progress Report**

Dear Mr. Gunter:

As required by Article XVII, Paragraph 73 of the Administrative Order on Consent (Docket No. VII-97-F-0009) for the referenced project and on behalf of The Doe Run Company, the progress report for the period November 1, 2011 through November 30, 2011 is enclosed. If you have any questions or comments, please call me at 573-638-5020 or Mark Nations at 573-518-0800.

Sincerely,



Ty L. Morris, P.E., R.G.  
Vice President

TLM/jms

Enclosure

c: Mark Nations – TDRC  
Matt Wohl – TDRC  
Steve Batts – TDRC  
Martin Kator – MDNR - DSP  
Kathy Rangen – MDNR - HWP  
Adam Nanney – Barr Engineering

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Superfund

**Federal Mine Tailings Site**  
Park Hills, Missouri  
**Monthly Progress Report**  
Period: November 1, 2011 – November 30, 2011

**1. Actions Performed or Completed This Period:**

- a. Work in the Former Chat Pile Area continued to focus on the task of placing stripped materials from other portions of the site. This work is primarily focusing on placing stripped materials from the Shaw Branch Creek Area in the southern portion of this area. As of the end of the period, work on this task was continuing.
- b. Work at the site also continued in the Shaw Branch Creek Area upstream of the trestle. This work focused on stripping the mine waste and contaminated materials from the sedimentation basin and drainage channels located between the trestle and the dam. As of the end of the period, the approximately 80 percent of the visible mine waste had been stripped from this area and taken to the Former Chat Pile Area for disposal.

Once all of the visible mine waste was stripped, the remaining soils in the stripped area were analyzed with an XRF to determine if the soils had lead levels exceeding 600 ppm. Following completion of the sampling activities, work began on the task of stripping the soils from the areas that had been identified as having lead levels exceeding 600 ppm. As of the end of the period, work on this task had begun and a majority of the areas identified as having lead levels exceeding 600 ppm had been excavated further. However, due to a series of rainfall events in the region, the sedimentation basin had filled with water and stripping activities have been slowed.

- c. Work on the site also continued in the Shaw Branch Creek Area between the trestle and Missouri Highway 32. This work focused on clearing and grubbing the vegetation from the areas that will be affected by the removal action activities. As of the end of the period, work on this task had been completed. The cleared and grubbed vegetation is being burned in accordance with the MDNR – Air Pollution Control Program burning permit.

In addition to burning the cleared and grubbed materials from this area, work in this area is also focusing on burning the cleared and grubbed materials from other portions of the site. As of the end of the period, all of the trees that had been stockpiled in this area had been burned.

- d. Work in the Shaw Branch Creek Area between the trestle and Missouri Highway 32 also began on the task of stripping mine waste and contaminated materials from this area. As of the end of the period, a majority of the visible mine waste had been stripped from this area and taken to the Former Chat Pile Area for disposal.

Once all of the visible mine waste was stripped, the remaining soils in the stripped area were analyzed with an XRF to determine if the soils had lead levels exceeding 600 ppm. Following completion of the sampling activities, work began on the task of stripping the soils from the areas that had been identified as having lead levels exceeding 600 ppm. As of the end of the period, work on this task had begun and a majority of the areas identified as having lead levels exceeding 600 ppm had been excavated further. However, due to a series of rainfall events in the region, the area filled with water and stripping activities have been slowed.

**2. Data and Results Received This Period:**

- a. None.

**3. Planned Activities for Next Period:**

- a. Work will continue on the task of burning the cleared and grubbed materials.
- b. Work will continue on the task of stripping mine waste and contaminated soils from the portion of the Shaw Branch Creek Area upstream of the trestle.
- c. Work will continue on the task of stripping mine waste and contaminated soil from the portion of the Shaw Branch Creek Area between the trestle and Missouri Highway 32.
- d. Work will begin on the task of constructing the East ORV Drainage Channel and the southern portion of the Main Drainage Channel in the ORV Riding Area.
- e. Work will begin on the task of identifying the trails in the southern portion of the ORV Riding Area that are to be closed, left open, or left open and covered

**4. Changes in Personnel:**

- a. None.

**5. Issues or Problems Encountered and the Resolution:**

- a. None.

**End of Monthly Progress Report**